

Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/792-6767

OCTOBER 22, 1982

APPLICATION RECEIVED: 12/03/82

PERMIT NUMBER: 822799-03160030

PERMIT ISSUED TO: CJD CORPORATION

P.O. BOX 1306

CAUDET CITY

IL

60409

WASTE MGMT OF IL

150 W 137TH ST

RIVERDALE

IL

60627

WASTE STREAM NUMBER: 822799

PERMIT EXPIRES: 12/14/85

WASTE NAME: CENTRAL TREATMENT PLANT SLUDGE

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/CDI #1

EPA SITE NO.: 03160030

ANNUAL VOLUME ANTICIPATED:

12,029 CUBIC YARDS

DISPOSITION OF WASTE:

SOLID WASTE (SOLID, LIQUID, POWDER, OR SLUDGE) MIXED WITH DAILY RECEIPT
OF REFUSE ABOVE GROUND (LANDFILL)

ATTENTION: CHICAGO/CDI #1

EPA GENERATOR NO.: 71509960-05

WASTE GENERATOR: JAMES A. LAUGHLIN

3001 WILSON ROAD

CHICAGO

IL

60612

SPECIAL CONDITIONS:

DISPOSAL OF WASTE LIQUIDS AT THIS SITE IS CURRENTLY SUBJECT TO FEDERAL
AND STATE REQUIREMENTS STATED IN 40 CFR 265.514 (A) AND 190.45 ADMIN. CODE
725.411 (A).

TELEPHONE

LAUGHLIN & LAUGHLIN

PERMIT NO.

by *James A. Laughlin*
JAMES A. LAUGHLIN
DIVISION OF LAND POLLUTION CONTROL

US EPA RECORDS CENTER REGION 5



436299

SALES

CODE

A 43295

WASTE PROFILE SHEET CODE



GENERATOR'S WASTE MATERIAL PROFILE SHEET

GENERAL DIRECTIONS: In order for us to determine whether we can lawfully, safely and environmentally transport, store, treat or dispose of your waste stream, we must ask certain information about your waste. All of the information we seek is necessary, for our purposes and yours. Be complete in your answers: if your response is "none," so indicate. Answers must be in ink or typewritten. Information you provide will be maintained in strictest confidence. Please make a copy of this form for your records, returning the original to the location indicated below.

THIS FORM AND ANY SUPPLEMENTAL INFORMATION SHOULD BE RETURNED TO:

1. GENERATOR NAME: Jones & Laughlin Steel Corp.
2. GENERATING FACILITY NAME/ADDRESS/USEPA FACILITY I.D. NUMBER (IF ANY): IND005462601
3001 Dickey Road
East Chicago, Indiana
3. COMPANY CONTACTS:
- | | | Wastewater | |
|-----------|----------------------|------------|---------------------|
| GENERAL | <u>Bob Svilar</u> | TITLE | <u>Foreman</u> |
| | | PHONE | <u>219-391-2434</u> |
| | | TITLE | |
| | | PHONE | |
| TECHNICAL | <u>Chuck Epstein</u> | TITLE | <u>Envr. Engr.</u> |
| | | PHONE | <u>219-391-2578</u> |
| | | TITLE | |
| | | PHONE | |
4. WASTE NAME Central Waste Treatment Sludge
5. PROCESS GENERATING WASTE: Central Waste Treatment Plant

6. WASTE CHARACTERISTICS:

A. PHASES/LAYERS: BILAYERED ☒ MULTILAYERED ☐ NONE ☐

B. PHYSICAL STATE AT 70°F: SOLID ☐ SEMI-SOLID ☒ LIQUID ☐
POWDER ☐ OTHER: _____

C. SOLIDS TOTAL (%): 20-50% TOTAL DISSOLVED (ppm or %): NR*

D. SPECIFIC WEIGHT (AS # PER UNIT): 14 #/gal.

E. pH: NR (Show the following as range of %)

AS: H ₂ SO ₄	_____ %	H ₃ PO ₄	_____ %
HCl	_____ %	NaOH	_____ %
HF	_____ %	NH ₄ OH	_____ %
HNO ₃	_____ %	Ca(OH) ₂	_____ %
OTHER:	_____ %		_____ %
	_____ %		_____ %

F. FLASH POINT: NR °F (CLOSED CUP TEST ONLY)

G. VAPOR PRESSURE (in mm of Hg at 25°C): NR

H. BTU PER #: NR ASH CONTENT NR %

I. CHARACTERISTIC COLOR Reddish Brown DISTINCTIVE ODOR Oil

J. HALOGENATED? NO % SULFONATED? NO %

K. ALPHA RADIATION AS pCi/l: NO

NR* MEANS NOT TESTED

9. REGULATORY CLASSIFICATION OF WASTE

A. IS THIS WASTE A "HAZARDOUS MATERIAL" AS DEFINED BY REGULATIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION PURSUANT TO THE HAZARDOUS MATERIALS TRANSPORTATION ACT? NO
(SEE 49 CFR 172.101 AND 173 FOR "HAZARDOUS MATERIALS" LIST AND CHARACTERISTICS.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) CORRECT SHIPPING DESCRIPTION: _____
(2) HAZARD CLASS(ES): _____
(3) MATERIAL I.D. NO.(S) _____

B. DOES THIS WASTE CONTAIN ANY "HAZARDOUS SUBSTANCE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 311 OF THE CLEAN WATER ACT? NO
(SEE 40 CFR 117 FOR "HAZARDOUS SUBSTANCES" AND CATEGORIES.) IF SO, PLEASE ADVISE OF THE FOLLOWING:

- (1) THE NAMES OF EACH HAZARDOUS SUBSTANCE PRESENT IN THE WASTE, THE HAZARD CATEGORY (X, A, B, C OR D) AND THE APPROXIMATE CONCENTRATION OF THE SUBSTANCE BY WEIGHT IN THE WASTE:

(ATTACH ADDITIONAL PAGES IF NECESSARY)

C. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY PURSUANT TO SECTION 3001 OF THE RESOURCE CONSERVATION AND RECOVERY ACT? NO
(SEE 40 CFR, PART 261 FOR WHAT IS A "HAZARDOUS WASTE.") IF SO, STATE:

- (1) THE USEPA HAZARDOUS WASTE NUMBER(S): _____
(2) DO YOU CLAIM TO BE A SMALL QUANTITY GENERATOR? _____ (SEE 40 CFR 261.5.)

D. IS THIS WASTE A "HAZARDOUS WASTE" AS DEFINED BY THE ENVIRONMENTAL REGULATORY AGENCY IN YOUR STATE? NO IF SO, STATE WHY IT IS SO DEFINED AND ANY STATE HAZARDOUS WASTE CODE NUMBERS ASSIGNED. _____

* conditional upon co-disposal

10. IS THE INFORMATION PROVIDED IN SECTIONS 6-9 BASED UPON LABORATORY ANALYSIS OF THE WASTE MATERIAL? YES IF SO, PLEASE ADVISE OF THE DATE OF THE MOST RECENT ANALYSIS: 4-13-81

11. HAVE YOU OBTAINED TOXICITY STUDIES OF THIS WASTE STREAM? NO IF SO, PLEASE ATTACH A COPY OF THE RESULTS.

12. QUANTITY/SHIPPING REQUIREMENTS:

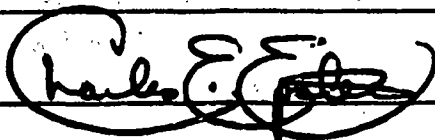
ANTICIPATED VOLUME IS: 231

GALLONS ☐ TONS ☐ CUBIC YARDS ☐ DRUMS ☐ OTHER ☐
PER: DAY ☐ WEEK ☐ MONTH ☐ YEAR ☐ ONE TIME ☐

TRANSPORTATION EQUIPMENT REQUIRED: _____

SERVICE/SCHEDULING REQUIREMENTS: _____

GENERATOR'S
AUTHORIZED SIGNATORY:



TITLE Env. Eng. DATE 4-23-82

CONFIDENTIALITY AGREEMENT:

as consideration for the Generator's release of the above information, and any other supplemental data provided, agree to treat such information as confidential property and will not disclose such information to others except as is required by law, and in such circumstances only after first giving notice to the Generator.

By: _____
Name

Title

7. WASTE COMPOSITION:

A. ORGANIC COMPONENTS (WITH RANGES -- INDICATE WHETHER % OR ppm)

<u>Phenol</u>	<u>- 5.7 ppm</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

(ATTACH ADDITIONAL PAGES IF NECESSARY)

DOES THIS WASTE CONTAIN ENDRIN, LINDANE, METHOXYCHLOR, TOXAPHENE, 2,4-D, 2,4,5-TP SILVEX, OR ANY OTHER ORGANIC COMPOUNDS LISTED BY USEPA AT 40 CFR 261.247 DO IF SO, PLEASE NOTE ABOVE.

B. HEAVY METALS (WITH ppm RANGES):

TOTAL	TOTAL LEACHABLE	TOTAL	TOTAL LEACHABLE
Ag <u>NR</u>	<u>0.02</u> EP	Hg <u><0.0001%</u>	<u><0.0005</u> EP
As <u>0.0011%</u>	<u><0.001</u> EP	Ni <u>0.0079</u>	<u>0.51-0.65</u> EP
Ba <u>0.014 %</u>	<u><0.1</u> EP	Pb <u>0.0069%</u>	<u>0.08</u> EP
Cd <u>0.0002 %</u>	<u><0.01-0.01</u> EP	Se <u>NR</u>	<u>NR</u>
Cr <u>0.28-0.37 %</u>	<u><0.01-0.28</u> EP	Zn <u>0.016-0.02 %</u>	<u>0.67</u> EP
Cu <u>0.0099 %</u>	<u>0.02</u> EP	Other (ATTACH ADDITIONAL PAGES)	

(IF YOU HAVE DETERMINED TOTAL LEACHABLES USING USEPA'S "EP TOXICITY TEST PROCEDURE" -- AT 40 CFR, PART 261, APPENDIX II -- SO INDICATE BY MARKING "EP" AFTER THE RESULT SHOWN ABOVE.)

C. INORGANIC COMPONENTS (WITH % RANGES):

OTHER

TOTAL CYANIDE	<u>0.00073 - 0.002%</u>	<u>Oil & Grease</u>	<u>2 - 30 %</u>
FREE CYANIDE	<u>NR - %</u>	<u> </u>	<u> </u>
SULFIDE AS:	<u>NR - %</u>	<u> </u>	<u> </u>
BISULFITE AS:	<u>NR - %</u>	<u> </u>	<u> </u>
SULFITE AS:	<u>NR - %</u>	<u> </u>	<u> </u>

(ATTACH ADDITIONAL PAGES IF NECESSARY)

D. DOES THIS WASTE STREAM CONTAIN BIOLOGIC MATERIALS, PATHOGENS, OR ETIOLOGICAL AGENTS? DO IF SO, ATTACH ADDITIONAL PAGES DESCRIBING SUCH MATERIALS.

E. IS THE WASTE A PESTICIDE OR PRODUCED BY A PESTICIDE MANUFACTURING PROCESS? DO IF SO, INDICATE WHETHER IT CONTAINS:

- ☐ ORGANOPHOSPHATES -- CONTAINING SULFUR. ☐ YES ☐ NO
- ☐ CARBAMATES
- ☐ CHLORINATED HYDROCARBONS

8. HAZARDOUS COMPONENTS AND CHARACTERISTICS

A. HAZARDOUS PROPERTIES (INSERT NUMBER CODES PER INSTRUCTIONS ON LAST PAGE)

(1) TOXICITY RATING: INHALATION 0 DERMAL 0 ORAL 1

Flammability

(2) HAZARD IDENTIFICATION SYSTEM:

Health



Reactivity

Special Instructions

B. LIST ANY OTHER ACUTE OR CHRONIC HAZARDS ASSOCIATED WITH OR ALLEGED TO BE ASSOCIATED WITH HUMAN CONTACT WITH OR EXPOSURE TO THE WASTE: None